

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 153  | "360"/\$.ccls.and (slider) and ("actuator" same (bandwidth))           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/12/11 19:35 |
| L2    | 49   | "360"/\$.ccls.and (slider) and ("actuator" same (servo adj bandwidth)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/12/11 19:40 |
| L3    | 75   | "360"/\$.ccls. and ("actuator" same (servo adj bandwidth))             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/12/11 19:42 |
| L4    | 2    | I3 and ("1.5 kHz")   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/12/11 19:41 |
| L5    | 12   | "369"/\$.ccls. and ("actuator" same (servo adj bandwidth))             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/12/11 19:42 |
| S1    | 179  | 360/294.4.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/12/11 16:27 |
| S2    | 168  | S1 and "piezoelectric"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/12/11 17:52 |
| S3    | 20   | S1 and ("piezoelectric" same "C-shaped" or (c near2 shape\$))          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/12/11 17:12 |
| S4    | 2    | "20020039261".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/12/11 13:54 |
| S5    | 2    | "6587313".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/12/11 13:58 |

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| S6  | 2   | "6624553".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 13:58 |
| S7  | 6   | S1 and ("piezoelectric" same spiral)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:06 |
| S8  | 4   | (("6249402") or ("5781381")).PN.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:09 |
| S9  | 8   | (("6181531") or ("6118637") or ("6069771") or ("5882532")).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:22 |
| S10 | 6   | (("10177772") or ("2000182341") or ("11273041")).PN.           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:40 |
| S11 | 0   | "360""."64".S1.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:40 |
| S12 | 38  | "360/264.1.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:40 |
| S13 | 145 | "360/264.2.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:40 |
| S14 | 51  | "360/264.3.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:40 |
| S15 | 17  | "360/264.4.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |

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| S16 | 16 | "360/264.5.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S17 | 24 | "360/264.6.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S18 | 87 | "360/264.7.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S19 | 53 | "360/264.8.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S20 | 49 | "360/264.9.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S21 | 33 | "360/266.9.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S22 | 31 | "360/266.8.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S23 | 48 | "360/266.7.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S24 | 58 | "360/266.5.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S25 | 31 | "360/266.4.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |

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| S26 | 26    | "360/266.3.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S27 | 55    | "360/266.2.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S28 | 50    | "360/266.1.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S29 | 90996 | ((piezoelectric or PZT) same<br>"C-shaped" or (c near2 shape\$))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 14:42 |
| S30 | 2     | "5943189".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 16:27 |
| S31 | 14    | ("4605977"   "4651242"   "4853810"  <br>"5021906"   "5105408"   "5189578"  <br>"5276573"   "5282190"   "5313352"  <br>"5423207"   "5517472"   "5570336"  <br>"5657188"   "5757573").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2004/12/11 16:34 |
| S32 | 179   | 360/294.4.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 17:13 |
| S33 | 10    | S32 and ("piezoelectric" same<br>"S-shaped" or (s near2 shape\$))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 17:13 |
| S34 | 5     | ("20010055182"   "20030053264"  <br>"6166890"   "6404600"   "6512659").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2004/12/11 17:13 |
| S35 | 18    | S32 and ("piezoelectric" same (notch<br>or recess))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 18:05 |

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| S36 | 2  | "2000348321".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 17:57 |
| S37 | 29 | "360"/\$.ccls.and (slider) and<br>("piezoelectric" same (notch or<br>recess)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/11 19:29 |

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
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| L1    | 179  | 360/294.4.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/11 19:57 |
| L2    | 90   | L1 and ("piezoelectric" same (electrodes or interconnects)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/11 20:04 |
| L3    | 2    | L1 and ("piezoelectric" same interconnects)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/11 20:06 |
| L4    | 11   | L1 and ("piezoelectric" same interconnect\$)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/11 20:07 |